

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 101 567, 072
Source: IFWP
Date Processed by STIC: 2/10/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/567,072

DATE: 02/10/2006

TIME: 09:46:41

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

```

3 <110> APPLICANT: Kim, Cheol-Min
4      Park, Hee-Kyung
5      Cho, Mong
6      Jang, Hyun-Jung
7      Heo, Jeong
9 <120> TITLE OF INVENTION: Microarray Comprising Probes for Drug-Resistant Hepatitis B
Virus
10      Detection, Quality Control and Negative Control, and Method for
11      Detecting Drug-Resistant Hepatitis B Virus Using the Same
13 <130> FILE REFERENCE: 50413/011001
C--> 15 <140> CURRENT APPLICATION NUMBER: US/10/567,072
C--> 15 <141> CURRENT FILING DATE: 2006-02-03
15 <150> PRIOR APPLICATION NUMBER: PCT/KR2004/001940
16 <151> PRIOR FILING DATE: 2004-08-02
18 <150> PRIOR APPLICATION NUMBER: 2003-0054204
19 <151> PRIOR FILING DATE: 2003-08-05
21 <160> NUMBER OF SEQ ID NOS: 83
23 <170> SOFTWARE: PatentIn version 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 20
27 <212> TYPE: DNA
28 <213> ORGANISM: Artificial Sequence
30 <220> FEATURE:
31 <223> OTHER INFORMATION: BF105 primer
33 <400> SEQUENCE: 1
34 tcctgctgct atgcctcatc                                20
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 31
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: BR112 primer
45 <400> SEQUENCE: 2
46 tcccttaact tcatgggata tgtcgacgga a                    31
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 20
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: HB-F primer
57 <400> SEQUENCE: 3
58 agtgggcctc agtccgtttc                                20
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 19

```

RAW SEQUENCE LISTING

DATE: 02/10/2006

PATENT APPLICATION: US/10/567,072

TIME: 09:46:41

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

```

63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: HB-R primer
69 <400> SEQUENCE: 4
70 tggatttggg gccaaagtct 19
73 <210> SEQ ID NO: 5
74 <211> LENGTH: 20
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: HB-F2 primer
81 <400> SEQUENCE: 5
82 ccatcatctt gggctttcgc 20
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 25
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: HB-R2 primer
93 <400> SEQUENCE: 6
94 taccgctgtt accaattttc ttttg 25
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 15
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: 514WF1 probe
105 <400> SEQUENCE: 7
106 tgggctttcg caaaa 15
109 <210> SEQ ID NO: 8
110 <211> LENGTH: 15
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: 514WF2 probe
117 <400> SEQUENCE: 8
118 tgggcttccg caaaa 15
121 <210> SEQ ID NO: 9
122 <211> LENGTH: 15
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: 514ML1 probe
129 <400> SEQUENCE: 9
130 tgggcttacg caaaa 15
133 <210> SEQ ID NO: 10
134 <211> LENGTH: 15
135 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 02/10/2006

PATENT APPLICATION: US/10/567,072

TIME: 09:46:41

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

```

136 <213> ORGANISM: Artificial Sequence
138 <220> FEATURE:
139 <223> OTHER INFORMATION: 514ML2 probe
141 <400> SEQUENCE: 10
142 tgggcttgcg caaaa 15
145 <210> SEQ ID NO: 11
146 <211> LENGTH: 15
147 <212> TYPE: DNA
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
151 <223> OTHER INFORMATION: 514ML3 probe
153 <400> SEQUENCE: 11
154 tgggccttcg caaaa 15
157 <210> SEQ ID NO: 12
158 <211> LENGTH: 15
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: 514ML4 probe
165 <400> SEQUENCE: 12
166 tgggcctccg caaaa 15
169 <210> SEQ ID NO: 13
170 <211> LENGTH: 15
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: 514ML5 probe
177 <400> SEQUENCE: 13
178 tgggcctacg caaaa 15
181 <210> SEQ ID NO: 14
182 <211> LENGTH: 15
183 <212> TYPE: DNA
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: 514ML6 probe
189 <400> SEQUENCE: 14
190 tgggcctagg caaaa 15
193 <210> SEQ ID NO: 15
194 <211> LENGTH: 15
195 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: 528WL1 probe
201 <400> SEQUENCE: 15
202 gtttctcctg gctca 15
205 <210> SEQ ID NO: 16
206 <211> LENGTH: 15
207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 02/10/2006

PATENT APPLICATION: US/10/567,072

TIME: 09:46:41

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

```

210 <220> FEATURE:
211 <223> OTHER INFORMATION: 528WL2 probe
213 <400> SEQUENCE: 16
214 gtttctcttg gctca 15
217 <210> SEQ ID NO: 17
218 <211> LENGTH: 15
219 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
222 <220> FEATURE:
223 <223> OTHER INFORMATION: 528MM probe
225 <400> SEQUENCE: 17
226 gtttctcatg gctca 15
229 <210> SEQ ID NO: 18
230 <211> LENGTH: 15
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: 529WA1 probe
237 <400> SEQUENCE: 18
238 tctcttggt cagtt 15
241 <210> SEQ ID NO: 19
242 <211> LENGTH: 15
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence
246 <220> FEATURE:
247 <223> OTHER INFORMATION: 529WA2 probe
249 <400> SEQUENCE: 19
250 tctcttggt cagtt 15
253 <210> SEQ ID NO: 20
254 <211> LENGTH: 15
255 <212> TYPE: DNA
256 <213> ORGANISM: Artificial Sequence
258 <220> FEATURE:
259 <223> OTHER INFORMATION: 529WA3 probe
261 <400> SEQUENCE: 20
262 tctcttggt cagtt 15
265 <210> SEQ ID NO: 21
266 <211> LENGTH: 15
267 <212> TYPE: DNA
268 <213> ORGANISM: Artificial Sequence
270 <220> FEATURE:
271 <223> OTHER INFORMATION: 529WA4 probe
273 <400> SEQUENCE: 21
274 tctcttggt cagtt 15
277 <210> SEQ ID NO: 22
278 <211> LENGTH: 15
279 <212> TYPE: DNA
280 <213> ORGANISM: Artificial Sequence
282 <220> FEATURE:

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/567,072

DATE: 02/10/2006

TIME: 09:46:41

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

```

283 <223> OTHER INFORMATION: 529MT1 probe
285 <400> SEQUENCE: 22
286 tctcttgact cagtt 15
289 <210> SEQ ID NO: 23
290 <211> LENGTH: 15
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: 529MT2 probe
297 <400> SEQUENCE: 23
298 tctcttgacc cagtt 15
301 <210> SEQ ID NO: 24
302 <211> LENGTH: 15
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: 529MT3 probe
309 <400> SEQUENCE: 24
310 tctcttgaca cagtt 15
313 <210> SEQ ID NO: 25
314 <211> LENGTH: 15
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
318 <220> FEATURE:
319 <223> OTHER INFORMATION: 529MT4 probe
321 <400> SEQUENCE: 25
322 tctcttgccg cagtt 15
325 <210> SEQ ID NO: 26
326 <211> LENGTH: 15
327 <212> TYPE: DNA
328 <213> ORGANISM: Artificial Sequence
330 <220> FEATURE:
331 <223> OTHER INFORMATION: 548WA1 probe
333 <400> SEQUENCE: 26
334 tgtctggcct tcagt 15
337 <210> SEQ ID NO: 27
338 <211> LENGTH: 15
339 <212> TYPE: DNA
340 <213> ORGANISM: Artificial Sequence
342 <220> FEATURE:
343 <223> OTHER INFORMATION: 548WA2 probe
345 <400> SEQUENCE: 27
346 tgtctggcct tcagt 15
349 <210> SEQ ID NO: 28
350 <211> LENGTH: 15
351 <212> TYPE: DNA
352 <213> ORGANISM: Artificial Sequence
354 <220> FEATURE:
355 <223> OTHER INFORMATION: 548WA3 probe

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/567,072

DATE: 02/10/2006

TIME: 09:46:42

Input Set : A:\50413.011001..txt

Output Set: N:\CRF4\02102006\J567072.raw

L:15 M:270 C: Current Application Number differs, Replaced Current Application No

L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date